

Name: \_\_\_\_\_

## Prob and Stat Quiz #2 Review

1. Situation: Ms. Scheld, the CEO of Kolb Inc, wants to know what type of food her employees would like her to serve at the annual Christmas party. She has over a 1000 employees in 10 different departments. She can't survey everyone, so she needs your help!!

What is your population?

What is your sample?

Design a method to survey the employees. Explain how it is a simple random sample and unbiased.

2. 60 out of 90 students polled at Washington Latin say that soccer is their favorite sport. Use this data to predict how many students like soccer in the whole school if there are 700 students at Washington Latin.

3. Given the data, complete the table

Redskins ticket prices: \$175, \$230, \$190, \$160, \$200, \$210

Rewrite in order: \_\_\_\_\_

Capital ticket prices: \$150, \$135, \$160, \$200, \$175, \$145

Rewrite in order: \_\_\_\_\_

	Redskins Prices	Capitals Prices
Minimum		
Lower Quartile		
Median		
Upper Quartile		
Maximum		

Name: \_\_\_\_\_

4. Draw a box and whisker plot for the data on the previous question.
  
  
  
  
  
  
  
  
  
  
5. What is range of prices for the capitals game?
  
  
  
  
  
  
  
  
  
  
6. What percentage of redskins tickets cost between \$170 and \$195?